

MATERIAL SAFETY 3M  
DATA SHEET 3M Center  
St. Paul, Minnesota  
55144-1000  
1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: COMMERCIAL CARE DIVISION

TRADE NAME:

3M Brand CORNERSTONE(TM) FLOOR SEALER/FINISH

ID NUMBER/U.P.C.:

70-0709-1878-7 00-48011-25928-9 70-0709-1879-5 00-48011-25929-6

70-0709-1880-3 00-48011-25930-2

ISSUED: December 06, 2001

SUPERSEDES: May 21, 2001

DOCUMENT: 10-9279-0

1. INGREDIENT	C.A.S. NO.	PERCENT	
WATER.....	7732-18-5	60	- 90
acrylic polymer.....	TradeSecret	5	- 10
NJTSR# 71-091799 polystyrene acrylic copolymer.....	TradeSecret	3	- 7
TRI(BUTOXYETHYL) PHOSPHATE.....	78-51-3	1	- 5
STYRENE BUTADIENE RESIN.....	9003-55-8	0.5	- 1.5
DIETHYLENE GLYCOL MONOETHYL ETHER.....	111-90-0	0.5	- 1.5

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24  
HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.  
The components of this product are in compliance with the chemical  
notification requirements of TSCA.

This product contains the following toxic chemical or chemicals subject to  
the reporting requirements of Section 313 of Title III of the Emergency  
Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:

TRI(BUTOXYETHYL) PHOSPHATE

DIETHYLENE GLYCOL MONOETHYL ETHER

## 2. PHYSICAL DATA

BOILING POINT:..... 212 F  
VAPOR PRESSURE:..... N/D  
VAPOR DENSITY:..... N/D  
EVAPORATION RATE:..... N/D  
SOLUBILITY IN WATER:..... complete

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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2. PHYSICAL DATA (continued)  
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SPECIFIC GRAVITY:..... ca. 1.0 Water=1  
PERCENT VOLATILE:..... ca. 84 %  
pH:..... 8.2 - 9.2  
VISCOSITY:..... N/D  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:  
liquid, opaque white

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:  
Water, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:  
None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
None known.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:  
None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:  
Carbon Monoxide and Carbon Dioxide.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Collect spilled material. Clean up residue with water.

RECOMMENDED DISPOSAL:

Flush spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

Empty containers may be sanitary landfilled.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 1.45 % by wt.  
VOC Less H<sub>2</sub>O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

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6. SUGGESTED FIRST AID  
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EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact with vapor, spray, or mist. Wear unvented goggles during operations in which exposure is likely.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber.

RECOMMENDED VENTILATION:

Do not use in a confined area or areas with little or no air movement. Use in a well-ventilated area. Use with adequate dilution ventilation. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray. Avoid breathing of airborne material. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating.

RECOMMENDED STORAGE:

Store away from areas where product may come into contact with food or pharmaceuticals. Store at temperatures above 32 degrees F (0 degrees C). Keep container dry. Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

OTHER PRECAUTIONARY INFORMATION:

Not intended for consumer sale or use.

HMIS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0  
PERSONAL PROTECTION: X (See precautions, section 7.)

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER.....	NONE	NONE	NONE	NONE	
acrylic polymer.....	NONE	NONE	NONE	NONE	
NJTSR# 71-091799 polystyrene					
acrylic copolymer.....	NONE	NONE	NONE	NONE	

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
TRI(BUTOXYETHYL) PHOSPHATE.....	NONE	NONE	NONE	NONE	
STYRENE BUTADIENE RESIN.....	NONE	NONE	NONE	NONE	
DIETHYLENE GLYCOL MONOETHYL ETHER....	25	PPM	TWA	CMRG	
DIETHYLENE GLYCOL MONOETHYL ETHER....	25	PPM	TWA	AIHA	

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Single overexposure, above recommended guidelines, may cause:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

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SECTION CHANGE DATES  
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HEADING	SECTION CHANGED SINCE May 21, 2001	ISSUE
INGREDIENTS	SECTION CHANGED SINCE May 21, 2001	ISSUE
PHYSICAL DATA	SECTION CHANGED SINCE May 21, 2001	ISSUE
HEALTH HAZARD DATA	SECTION CHANGED SINCE May 21, 2001	ISSUE

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